

ABSTRACT:

The present invention relates to a method of measuring stress/strain by means of the Barkhausen noise and is characterized in that an exciting/sensing device (1; 2,3; 2,7) is arranged at least adjacent to a magnetic or magnetizable element (4; 5), in that the exciting device (1; 2) is acted upon by a rising magnetizing current, in that the start of the Barkhausen noise in the element (4; 5) is detected as a function of the magnetizing current by means of the sensing device (1; 3; 7), the starting of the Barkhausen noise representing a measurement of the stress/strain condition of the element (4; 5).

[Fig. 1]